

PROCESS FOR THE OXIDATIVE PURIFICATION OF TEREPHTHALIC ACID**Cross-Reference to Related Applications**

This application is a continuation-in-part and claims priority to U.S. Non-Provisional Application Ser. No. 10/315,294, filed Dec. 9, 2002, now abandoned, the disclosure of which is incorporated herein by reference.

FIELD OF INVENTION

The present invention relates to a process for the purification of a crude carboxylic acid slurry. More specifically, the present invention relates to a process comprising the steps of displacing at elevated temperatures, mother liquor from a crystallized product and reslurrying the crystallized product to be separated in a solid liquid displacement zone to form a purified carboxylic acid slurry; wherein the purified carboxylic acid slurry is further cooled in a cooling zone and subsequently filtered and dried in a filtration and drying zone.

BACKGROUND OF THE INVENTION: